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(to be used for all correspondence after initial filing)

Application Number	10/682.650
Filing Date	10/09/2003
First Named Inventor	Yongei Zhu
Art Unit	2817
Examiner Name	JONES, STEPHEN E
Attorney Docket Number	JSF01-0056D1/WJT08-0

Total Number of Pages in This Submission

5

## ENCLOSURES (Check all that apply)

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	James S. Finn
Signature	
Date	05/03/2004

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yongfei Zhu ) Group No. 2817  
 Serial No.: 10/682,650 ) Examiner: Jones, Stephen E  
 Filed: 10/09/2003 )  
 For: ELECTRONIC TUNABLE FILTERS WITH DIELECTRIC VARACTORS

Director of the US Patent and Trademark Office  
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## AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

### Response to Restriction Requirement:

In response to the Restriction Requirement dated April 14, 2004 Applicants elect without traverse to prosecute Claims 1 – 11 (claim 5 has been cancelled and claims 6 – 11 are added) limited to the species illustrated in Figs 19 and 30 with Figs. 5, 6, 9, 10, 13, and 14 (Group IV).

### Claim Amendments:

Please cancel claim 5 and add claims 6 – 11 as follows:

1. (Original) A radio frequency electronic filter comprising:  
 an input;  
 an output;  
 first and second resonators coupled to the input and the output;  
 the first resonator including a first voltage tunable dielectric varactor;